

camera-status display means for real-time displaying statuses of the cameras

which is obtained by the obtaining means;

camera selecting means for selecting a camera, whose picked up image is to be displayed, from the plurality of controllable cameras whose statuses are displayed by the camera-status display means; and

image display means for displaying the image picked up by the selected camera on the same screen simultaneously as the screen on which the status of the camera is displayed, wherein

said camera-status display means displays connection and disconnection of the cameras to the network, and start and end of use[, ] parameters, and available or unavailable status of use of one connected camera.

D2  
4. (Amended) The camera control system according to claim 3, wherein when a user desires to use one of the cameras, if the camera is used by another user, said [symbol-display] camera-status display means displays [the] a symbol of the camera in a color different from that of the other cameras.

D3  
6. (Amended) The camera control system according to claim 3, wherein if registration of a new camera is informed on the system, said [symbol-display] camera-status display means displays a camera symbol of the new camera on [the] a layout, while if a camera is disconnected, said [symbol-display] camera-status display means deletes the camera symbol of the camera on the layout.

D4  
7. (Amended) The camera control system according to claim 3 wherein said [symbol-display] camera-status display means displays a symbol of an unavailable camera so as to indicate responseless status.

D5  
9. (Twice Amended) The camera control system according to claim 8 [3]

wherein said camera control means notifies the statuses of the cameras in accordance with [instruction] instructions from said management means.

10. (Amended) The camera control system according to claim 8 [3]

wherein said camera-status display means displays the statuses of the cameras in accordance with information outputted by said management means.

Sub E2 16. (Amended) The camera control system according to claim 3, further comprising:

layout-display means; and

symbol-display means for displaying camera symbols representing the plurality of [camera] cameras over a layout displayed on said layout-display means,

wherein said symbol-display means displays one or more current statuses of predetermined features of the cameras with the camera symbols.

Sub E3 18. (Twice Amended) The camera control system according to claim 20 wherein the camera-status display means [display] displays statuses of connection of the camera apparatus and the network.

Sub E4 20. (Three Times Amended) A camera control system for selecting at least one of a plurality of controllable camera apparatuses connected to a network, comprising:

obtaining means for obtaining information concerning statuses of all usable [cameras] camera apparatuses when the camera control system is started up and for obtaining information concerning statuses of [cameras] camera apparatuses whose conditions changed after the information concerning statuses of all usable [cameras] camera apparatuses is obtained;

camera-status display means for real-time displaying statuses of the camera apparatuses which is obtained by the obtaining means;

camera selecting means for selecting a camera apparatus, whose picked up image is to be displayed, from the plurality of controllable camera apparatuses whose statuses are displayed by the camera-status display means; and

image display means for displaying the image picked up by the selected camera apparatus on the same screen simultaneously as the screen on which the status of the camera apparatus is displayed,

wherein said camera-status display means [display] displays parameters of the camera apparatuses.

21. (Amended) The camera control system according to claim 20, wherein said camera-status display means further [display] displays starting and ending of operation of the camera apparatuses connected to the network.

22. (Thrice Amended) A camera control system for selecting one of a plurality of controllable camera apparatuses connected to a network, and for controlling a video display and a camera, comprising:

obtaining means for obtaining information concerning used statuses of the [cameras] camera apparatuses; and

camera-status display means for distinguishably displaying used statuses of at least two of the camera apparatuses on the basis of the condition where the camera [apparatus] apparatuses [is] are used by another terminal [or] and by a user's own terminal [or] and not used by anyone.

23. (Thrice Amended) The camera control system according to claim 22, further comprising:

layout-display means; and

symbol generating means for enabling the generation of [to generate] camera

symbols on a layout displayed by the layout-display means, wherein said camera-status

[display] displays means display the different camera symbols on the basis of the condition

where the camera is used by another terminal or by a user's own terminal [or] and not used by

anyone.

Sub E57 25. (Amended) The camera control system according to claim 3, wherein said obtaining means periodically obtains information concerning statuses of cameras whose

conditions have changed.

26. (Amended) The camera control system according to claim 20, wherein said obtaining means periodically obtains information concerning statuses of cameras whose

conditions have changed.

Please add the following new claims 27-58:

Sub E67 27. (New) A method for selecting at least one of a plurality of controllable cameras connected to a network, comprising the steps of:

obtaining information concerning statuses of all usable cameras when a

camera control system is started up and obtaining information concerning statuses of cameras whose conditions changed after the information concerning statuses of all usable cameras is obtained;

displaying on a screen, in real-time, statuses of the cameras which are obtained by the obtaining step;

selecting a camera, whose picked up image is to be displayed, from the plurality of controllable cameras whose statuses are displayed by the step of displaying;

displaying the image picked up by the selected camera on the same screen simultaneously as the screen on which the status of the camera is displayed; and

displaying connection and disconnection of the cameras to the network, start and end of use parameters, and available or unavailable status of use of one connected camera.

28. (New) The method according to claim 27, wherein when a user desires to use one of the cameras, if the camera is used by another user, said method further comprises the step of displaying the symbol of the camera in a color different from that of the other cameras.

29. (New) The method according to claim 27, wherein said method further comprises the step of displaying a pan angle by a direction of a camera symbol.

30. (New) The method according to claim 27, wherein if a new camera is registered, said method further comprises the step of displaying a camera symbol of the new camera and if a camera is disconnected, said method deletes the camera symbol of the disconnected camera.

31. (New) The method according to claim 27 wherein said method further comprises the step of displaying a symbol of an unavailable camera so as to indicate ~~responseless status~~.

32. (New) The method according to claim 27 further comprising the steps of:

controlling the cameras;

managing the statuses of the cameras; and

notifying a management means of the statuses of the cameras.

33. (New) The method according to claim 32 wherein said step of notifying is carried out in accordance with instructions received from said management means.

34. (New) The method according to claim 32 wherein said step of displaying displays the statuses of the cameras in accordance with information outputted by said management means.

35. (New) The method according to claim 27, further comprising the steps of:

displaying, on a symbol display means, camera symbols representing the plurality of camera over a layout displayed on a layout-display means; and

displaying one or more current statuses of predetermined features of the cameras with the camera symbols.

36. (New) The method according to claim 27, wherein said step of obtaining comprises periodically obtaining information concerning statuses of cameras whose conditions have changed.

37. (New) A method for selecting at least one of a plurality of controllable camera apparatuses connected to a network, comprising the steps of:

obtaining information concerning statuses of all usable camera apparatuses when a camera control system is started up and obtaining information concerning statuses of camera apparatuses whose conditions changed after the information concerning statuses of all usable camera apparatuses is obtained;

displaying, in real-time, statuses of the camera apparatuses which is obtained by the step of obtaining;

selecting a camera apparatus, whose picked up image is to be displayed, from the plurality of controllable camera apparatuses whose statuses are displayed by the step of displaying; and

displaying the image picked up by the selected camera apparatus on the same

screen simultaneously as the screen on which the status of the camera apparatus is displayed, wherein parameters of the camera apparatuses are displayed.

38. (New) The method according to claim 37 wherein said method further comprises the step of displaying display statuses of connection of the camera apparatus and the network.

39. (New) The method according to claim 37 wherein said method further comprises the step of displaying starting and ending of operation of the camera apparatuses connected to the network.

40. (New) The method according to claim 37, wherein said step of obtaining further comprises periodically obtaining information concerning statuses of cameras whose conditions changed.

41. (New) A method for selecting one of a plurality of controllable camera apparatuses connected to a network, and for controlling a video display and a camera, comprising the steps of:

obtaining information concerning used statuses of the camera apparatuses; and

distinguishably displaying used statuses of at least two of the camera

apparatuses on the basis of the condition where the camera apparatuses are used by another terminal and by a user's own terminal and not used by anyone.

42. (New) The method according to claim 41, further comprising the steps of:

generating camera symbols on a layout displayed by a layout-display means;

and

displaying, on a camera-status display means, different camera symbols on the basis of the condition where the camera is used by another terminal and by a user's own terminal and not used by anyone.

43. (New) An article of manufacture comprising a computer readable medium having computer usable program code embodied therein, said computer usable program code containing executable instructions that, when executed, cause a computer to perform the steps of:

obtaining information concerning statuses of all usable cameras, among a plurality of cameras connected to a network, when a camera control system is started up and obtaining information concerning statuses of cameras whose conditions changed after the information concerning statuses of all usable cameras is obtained;

displaying on a screen, in real-time, statuses of the cameras which are obtained by the obtaining step;

selecting a camera, whose picked up image is to be displayed, from the plurality of controllable cameras whose statuses are displayed by the step of displaying;

displaying the image picked up by the selected camera on the same screen simultaneously as the screen on which the status of the camera is displayed; and

displaying connection and disconnection of the cameras to the network, start and end of use parameters, and available or unavailable status of use of one connected camera.

44. (New) The article of manufacture according to claim 43 further comprising computer usable program code that, when executed, causes a computer to perform the step of displaying the symbol of the camera in a color different from that of the other cameras if the camera is used by another user,



45. (New) The article of manufacture according to claim 43 further comprising computer usable program code that, when executed, causes a computer to perform the step of displaying a pan angle by a direction of a camera symbol.

46. (New) The article of manufacture according to claim 43 further comprising computer usable program code that, when executed, causes a computer to perform the step of displaying, if a new camera is registered, a camera symbol of the new camera and if a camera is disconnected, a camera symbol of the disconnected camera.

47. (New) The article of manufacture according to claim 43 further comprising computer usable program code that, when executed, causes a computer to perform the step of displaying a symbol of an unavailable camera so as to indicate responseless status.

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48. (New) The article of manufacture according to claim 43 further comprising computer usable program code that, when executed, causes a computer to perform the steps of :

controlling the cameras;

managing the statuses of the cameras; and

notifying a management means of the statuses of the cameras.

49. (New) The article of manufacture according to claim 48 wherein said step of notifying is carried out in accordance with instructions received from said management means.

50. (New) The article of manufacture according to claim 48 wherein said step of displaying displays the statuses of the cameras in accordance with information ~~outputted by said management means.~~

51. (New) The article of manufacture according to claim 43 further comprising computer usable program code that, when executed, causes a computer to perform

the steps of :

displaying, on a symbol display means, camera symbols representing the plurality of camera over a layout displayed on a layout-display means; and

displaying one or more current statuses of predetermined features of the cameras with the camera symbols.

52. (New) The article of manufacture according to claim 43, wherein said step of obtaining comprises periodically obtaining information concerning statuses of cameras whose conditions have changed.

53. (New) An article of manufacture comprising a computer readable medium having computer usable program code embodied therein, said computer usable program code containing executable instructions that, when executed, cause a computer to perform the steps of:

obtaining information concerning statuses of all usable camera apparatuses, among a plurality of camera apparatuses connected to a network, when a camera control system is started up and obtaining information concerning statuses of camera apparatuses whose conditions changed after the information concerning statuses of all usable camera apparatuses is obtained;

displaying, in real-time, statuses of the camera apparatuses which is obtained by the step of obtaining;

selecting a camera apparatus, whose picked up image is to be displayed, from the plurality of controllable camera apparatuses whose statuses are displayed by the step of displaying; and

displaying the image picked up by the selected camera apparatus on the same screen simultaneously as the screen on which the status of the camera apparatus is displayed,

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wherein parameters of the camera apparatuses are displayed.

54. (New) The article of manufacture according to claim 53 further comprising computer usable program code that, when executed, causes a computer to perform the step of displaying display statuses of connection of the camera apparatus and the network.

55. (New) The article of manufacture according to claim 53 further comprising computer usable program code that, when executed, causes a computer to perform the step of displaying starting and ending of operation of the camera apparatuses connected to the network.

56. (New) The article of manufacture according to claim 53, wherein said step of obtaining further comprises periodically obtaining information concerning statuses of cameras whose conditions changed.

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57. (New) An article of manufacture comprising a computer readable medium having computer usable program code embodied therein, said computer usable program code containing executable instructions that, when executed, cause a computer to perform the steps of:

obtaining information concerning used statuses of a plurality of camera apparatuses connected to a network; and

distinguishably displaying used statuses of at least two of the camera apparatuses on the basis of the condition where the camera apparatuses are used by another terminal and by a user's own terminal and not used by anyone.

58. (New) The article of manufacture according to claim 57 further comprising computer usable program code that, when executed, causes a computer to perform the steps of:

generating camera symbols on a layout displayed by a layout-display means;